

IN THE CLAIMS

Please amend the claims as follows:

Claims 1-17 (Canceled).

18. (Currently Amended) An injection backmolded ~~or casting backmolded~~ plastic molding comprising a polymer backmolding film ~~backmolded~~ present on a back-molded fiber reinforced plastic,

wherein the plastic molding is obtained by injection molding or casting with a backmolding the fiber reinforced plastic having a fiber content of from 5 to 30%, onto the back-molding film,

wherein the back-molding material having back-molded fiber reinforced plastic has a thickness of from 1.5 to 4.5 mm, ~~it being possible for wherein~~ up to 50% by weight of the fibers ~~to have been replaced by~~ may be mineral fillers, and wherein the length of the fibers in the ~~fiber reinforced plastic in the~~ plastic molding is at least partly > 1 mm.

19. (Currently Amended) A The plastic molding as claimed in claim 18, wherein the backmolding film has a thickness of from 0.1 to 1.0 mm.

20. (Currently Amended) A The plastic molding as claimed in claim 19, wherein the backmolding film has a thickness of from 0.5 to 1.0 mm.

21. (Withdrawn) A plastic molding as claimed in claim 18, wherein the backmolding film is a composite laminated film comprising, in this order:

(1) a substrate layer

comprising an ASA molding composition comprising components A and B, and
where appropriate C, whose total amount is 100% by weight,

(a) 1 - 99% of a graft copolymer of

(a1) 1 - 99% by weight of a particulate graft A1 comprising the following monomers

(a11) 80 - 99.99% by weight of at least one C₁₋₁₈ alkyl ester of acrylic acid as

component A11,

(a12) 0.01 - 20% by weight of at least one polyfunctional crosslinking monomer as

component A12,

(a2) 1 - 99% by weight of a graft A2 comprising the following monomers, based on

A2,

(a21) 40 - 100% by weight of units of styrene, a substituted styrene or a

(meth)acrylate or mixtures thereof as component A21, and

(a22) up to 60% by weight of units of acrylonitrile or methacrylonitrile as component

A22,

the graft A2 here consists of at least one graft shell, the graft copolymer having a
mean particle size of 50 - 1000 nm,

as component A,

(b) 1- 99% by weight of a copolymer of

(b1) 40 - 100% by weight of units of styrene, a substituted styrene or a (meth)acrylate

or mixtures thereof as component B1,

(b2) up to 60% by weight of acrylonitrile or methacrylonitrile as component B2,

as component B,

(c) 0 - 80% by weight of polycarbonate as component C,

or a substrate layer comprising

ABS, polycarbonate, polybutylene terephthalate, polyethylene terephthalate, polyamide, polyetherimide, polyether ketone, polyphenylene sulfide, polyphenylene ether, or blends thereof,

(2) if desired, an interlayer of polymethyl methacrylate, high-impact polymethyl methacrylate, ABS, polycarbonate, polyethylene terephthalate, styrene-acrylonitrile copolymers, polyamide, polyether sulfone or polysulfone, which may comprise effect colorants, having a layer thickness of from 50 to 400 μm

(3) a transparent top layer, comprising polymethyl methacrylate, high-impact polymethyl methacrylate, ABS, polycarbonate, polyethylene terephthalate, styrene-acrylonitrile copolymers, polyamide, polyether sulfone PVDF or polysulfone, having a layer thickness of from 10 to 100 μm .

22. (Withdrawn) A plastic molding as claimed in claim 21, wherein the thickness of the substrate layer (1) is from 90 to 990 μm , that of the interlayer (2) from 50 to 400 μm , and that of the top layer (3) from 10 to 100 μm .

23. (Withdrawn) A plastic molding as claimed in claim 21, wherein the back-molding film on the outer face of the substrate layer comprises a tie layer having a thickness of from 5 to 100 μm and comprising an adhesion promoter.

24. (Withdrawn) A plastic molding as claimed in claim 18, wherein the fiber reinforced plastic is a material as defined for a substrate layer (1) as

(1) the substrate layer
comprising an ASA molding composition comprising components A and B, and where appropriate C, whose total amount is 100% by weight,

(a) 1 - 99% of a graft copolymer of

(a1) 1 - 99% by weight of a particulate graft A1 comprising the following monomers

(a11) 80 - 99.99% by weight of at least one C₁₋₁₈ alkyl ester of acrylic acid as component A11,

(a12) 0.01 - 20% by weight of at least one polyfunctional crosslinking monomer as component A12,

(a2) 1 - 99% by weight of a graft A2 comprising the following monomers, based on A2,

(a21) 40 - 100% by weight of units of styrene, a substituted styrene or a (meth)acrylate or mixtures thereof as component A21, and

(a22) up to 60% by weight of units of acrylonitrile or methacrylonitrile as component A22,

the graft A2 here consists of at least one graft shell, the graft copolymer having a mean particle size of 50 - 1000 nm,

as component A,

(b) 1- 99% by weight of a copolymer of

(b1) 40 - 100% by weight of units of styrene, a substituted styrene or a (meth)acrylate or mixtures thereof as component B1,

(b2) up to 60% by weight of acrylonitrile or methacrylonitrile as component B2,
as component B,

(c) 0 - 80% by weight of polycarbonate as component C,
or a substrate layer comprising

ABS, polycarbonate, polybutylene terephthalate, polyethylene terephthalate, polyamide, polyetherimide, polyether ketone, polyphenylene sulfide, polyphenylene ether, or blends thereof.

25. (Currently Amended) A The plastic molding as claimed in claim 18, wherein the fibers ~~in the plastic~~ are glass fibers.

26. (Currently Amended) A The plastic molding as claimed in claim 18, wherein the polymer backmolding film further comprises an interlayer ~~(2)~~ of at least one of PMMA or high-impact PMMA, which comprises effect colorants, and ~~the~~ a transparent top layer ~~(3)~~ is composed of comprising at least one of PMMA, PVDF or high-impact PMMA.

27. (Currently Amended) A The plastic molding as claimed in claim 18, wherein the fiber reinforced plastic is at least one of a blend of polycarbonate ~~(PC)~~ or polybutylene terephthalate ~~(PBT)~~ with an ASA molding composition, or is an ABS or PBT molding composition.

28. (Withdrawn) A process for producing an injection backmolded or casting backmolded plastic molding as claimed in claim 18 by

producing the backmolding film by adapter coextrusion or die coextrusion of the respective components (1) and/or (2) and/or (3), the entire composite being produced in a single-stage process, or by laminating films of the components in a heatable nip,

thermoforming the backmolding film in a mold, and injection backmolding or casting behind the backmolding film with the fiber reinforced plastic, wherein in the fibers are introduced directly during processing, so that their length in the component is at least partly > 1 mm.

29. (Withdrawn) A plastic molding comprising a polymer backmolding film which is compression backmolded with a glass fiber reinforced ASA/PC plastic having a fiber content of from 5 to 30% by weight by a melt application or LFT technique, the ASA/PC plastic having a thickness of 1.5 to 4.5 mm, wherein the length of the glass fibers in the glass fiber reinforced plastic in the plastic molding is at least partly > 1 mm.

30. (Withdrawn) A plastic molding comprising a polymer backmolding film which is compression backmolded with a short glass fiber reinforced PBT/ASA plastic having a fiber content of from 5 to 30% by weight by a melt application technique, the PBT/ASA plastic having a thickness of from 1.5 to 4.5 mm.

31. (Withdrawn) A plastic molding as claimed in claim 29, wherein the film has a thickness of from 0.1 to 1.0 mm.

32. (Withdrawn) A process for producing a plastic molding as claimed in claim 29 by

producing the backmolding film by adapter coextrusion or die coextrusion of the respective components (1) and/or (2) and/or (3), the entire composite being produced in a single-stage process, or by laminating films of the components in a heatable nip,

thermoforming the backmolding film in a mold, and compression backmolding the backmolding film with the fiber reinforced plastic, wherein the fibers are introduced directly during processing, so that their length in the component is at least partly > 1 mm.

33. (New) The plastic molding as claimed in claim 18, wherein the backmolding film is produced in a single-stage process.

34. (New) The plastic molding of claim 18, wherein during backmolding the fibers are introduced directly into a plastic to form the fiber reinforced plastic.

35. (New) A casting backmolded plastic molding comprising a polymer backmolding film present on a back-molded fiber reinforced plastic, wherein the plastic molding is obtained by cast backmolding a fiber reinforced plastic having a fiber content of from 5 to 30% onto the back-molding material,

wherein the back-molding material has a thickness of from 1.5 to 4.5 mm,

wherein up to 50% by weight of the fibers may be mineral fillers, and

wherein the length of the fiber in the fiber reinforced plastic is at least partly > 1 mm.

36. (New) The plastic molding as claimed in claim 35, wherein the backmolding film has a thickness of from 0.1 to 1.0 mm.

37. (New) The plastic molding as claimed in claim 35, wherein the backmolding film has a thickness of from 0.5 to 1.0 mm.

38. (New) The plastic molding as claimed in claim 35, wherein the fibers are glass fibers.

39. (New) The plastic molding as claimed in claim 35, wherein the polymer backmolding film comprises an interlayer of at least one of PMMA or high-impact PMMA, which comprises effect colorants, and a transparent top layer comprising at least one of PMMA, PVDF or high-impact PMMA.

40. (New) The plastic molding as claimed in claim 35, wherein the fiber reinforced plastic is at least one of a blend of polycarbonate or polybutylene terephthalate with an ASA molding composition, or an ABS or PBT molding composition.

41. (New) The plastic molding as claimed in claim 35, wherein the backmolding film is produced in a single-stage process.

42. (New) The plastic molding of claim 35, wherein during backmolding the fibers are introduced directly into a plastic to form the fiber reinforced plastic.

BASIS FOR THE AMENDMENT

Claims 18-42 are active in the present application. Claims 18-20, 25-27 and 33-42 are currently under active prosecution. Claims 21-24 and 28-32 are non-elected claims currently withdrawn from prosecution. Claim 1 has been amended for clarity. Claims 33-42 are new claims. Support for new Claims 33-34 and 41-42 is found in the specification on page 22, lines 4-5; page 24, lines 2-3; and page 18, lines 8-12. Support for new Claims 35-40 is found in the original claims. No new matter is believed to have been added by this amendment.